

APICS

Exam Questions CSCP

Certified Supply Chain Professional



NEW QUESTION 1

- (Topic 1)

The main benefit of a mass customization product design strategy is to:

- A. sell high quantities of product to specific customer segments.
- B. achieve economies of scale in purchasing components.
- C. offer more product variety while keeping inventories low.
- D. avoid assembly of finished products.

Answer: C

NEW QUESTION 2

- (Topic 1)

Which of the following situations is an example of postponement?

- A. Shipments are broken down into small groups for reshipment.
- B. Shipments are consolidated immediately for reshipment.
- C. Production begins after a customer order is received.
- D. Partially assembled goods are assembled at a later stage.

Answer: D

NEW QUESTION 3

- (Topic 1)

Which of the following consequences is a result of shipping directly from the point of manufacture to the customer rather than through a distribution network?

- A. Delivery lead times are consistent.
- B. Risk pooling benefits are negated.
- C. Distribution overhead is increased.
- D. Order-fill rate is decreased.

Answer: B

NEW QUESTION 4

- (Topic 1)

A remanufacturer of equipment is most likely to have what type of supply chain?

- A. Modular logistics
- B. Reverse logistics
- C. Mixed model
- D. Lateral

Answer: B

NEW QUESTION 5

- (Topic 1)

Which of the following attributes typically makes reverse logistics processes more complicated than outbound logistics processes?

- A. Lead times for shipments are more variable.
- B. Individual packages and cartons are less uniform.
- C. There are more regulations mandated by local governments.
- D. There is more competition for scarce transportation lanes.

Answer: B

NEW QUESTION 6

- (Topic 1)

A company considers outsourcing its information technology support to a low-cost region on another continent. The company currently has no business presence there. Which of the following actions is most effective in helping to select a service provider?

- A. Contacting the country's consulate for leads
- B. Contacting the country's local government for recommendations
- C. Visiting several potential providers before making a selection
- D. Finding a trusted local business agent to help in the search

Answer: D

NEW QUESTION 7

- (Topic 1)

Which of the following strategies is used primarily for demand planning?

- A. Build-to-order scheduling
- B. Push-pull replenishment
- C. Collaborative planning, forecasting, and replenishment
- D. Vendor-managed inventory

Answer: C

NEW QUESTION 8

- (Topic 1)

A manufacturer can simplify the forecasting process by pooling demand forecasts for a product group and then:

- A. averaging total demand and spreading it evenly across all items.
- B. disaggregating demand to the item level based on marketing input.
- C. disaggregating demand to the item level based on historical proportions.
- D. allocating demand to each production site.

Answer: C

NEW QUESTION 9

- (Topic 1)

The process of gathering data about what customers need and ensuring that desired features are included in the design and initial planning phase of a new product or service is known as:

- A. a quick response program.
- B. quality function deployment.
- C. total quality management.
- D. early supplier involvement.

Answer: B

NEW QUESTION 10

- (Topic 1)

A large wholesaler formerly owned a number of delivery trucks. The wholesaler sold all of its trucks and now purchases transportation services from fleet operators. This is an example of which of the following strategies?

- A. Selling and leasing back equipment.
- B. Renting equipment on consignment.
- C. Using a third-party logistics provider.
- D. Using an owner-operator fleet.

Answer: C

NEW QUESTION 10

- (Topic 1)

A company has been delivering a global product that no longer appears profitable. Senior management's best response is to:

- A. analyze product profitability by market segment.
- B. discontinue the product based on eroding profitability.
- C. provide additional incentives to the sales force.
- D. increase promotional activity across all markets.

Answer: A

NEW QUESTION 14

- (Topic 1)

Which of the following indicators is most appropriate to use as a measure of supply chain utilization?

- A. Production equipment productivity
- B. Net asset turnover
- C. Value-added productivity per employee
- D. Upside flexibility

Answer: B

NEW QUESTION 15

- (Topic 1)

Keeping all other factors equal, a company typically will try to maintain higher service levels for products with:

- A. wider variety.
- B. shorter lead time.
- C. higher profit margins.
- D. lower sales volumes.

Answer: C

NEW QUESTION 19

- (Topic 1)

A company that produces standardized products and sells them through retailers via a responsive transportation system has decided to expand its sales with an online store for customized products. Which of the following distribution strategies would be the most appropriate for the business-strategy change?

- A. Local distribution centers serving retailers and online sales
- B. Centralized cross-docking facilities serving retailers and online sales
- C. A centralized distribution center serving retailers and direct shipment from the factory serving online sales
- D. A centralized distribution center serving retailers with transshipment arrangements serving online sales

Answer: C

NEW QUESTION 20

- (Topic 1)

Which of the following factors typically is the most significant impediment to implementing collaborative commerce?

- A. Technology barriers
- B. Security
- C. Corporate culture
- D. Return on investment (ROI)

Answer: :C

NEW QUESTION 24

- (Topic 1)

After identifying the potential causes for delays in communicating demand information up the supply chain, the trading partners should take which of the following actions?

- A. Implement a higher-speed data communications network.
- B. Change procedures so data is communicated more frequently.
- C. Identify the root causes for the delays.
- D. Map and analyze the value stream.

Answer: C

NEW QUESTION 27

- (Topic 1)

A firm has identified groups of customers based on specific characteristics the customers desire from products and services the firm can provide. Characteristics include lead times, pricing tiers, and service levels. The firm is engaged in which of the following activities?

- A. Customer differentiation
- B. Order winner segregation
- C. Market segmentation
- D. Channel definition

Answer: C

NEW QUESTION 30

- (Topic 1)

Companies are more likely to consider the consequences of their product design decisions when they view the reverse supply chain as an extension of the:

- A. forward supply chain.
- B. marketing process.
- C. manufacturing process.
- D. sales and operations planning process.

Answer: A

NEW QUESTION 34

- (Topic 1)

A return material authorization (RMA) policy is used in reverse logistics to:

- A. physically transport returned items by using an efficient transportation mode.
- B. minimize the number of returned items by involving product design and demand forecasting.
- C. reduce the cost of returned items by refusing to accept items that should not be returned.
- D. reclaim substantial value from returned items by recycling.

Answer: C

NEW QUESTION 35

- (Topic 1)

Which of the following benefits of supplier relationship management typically results from collaboration with a few critical suppliers?

- A. Automation of supplier sales activities
- B. Elimination of formal contracts
- C. Reduction in customer and supplier inventories
- D. Standardization of communications

Answer: C

NEW QUESTION 38

- (Topic 1)

Which of the following considerations is an important supply chain design decision?

- A. Product design
- B. Selecting supporting information systems
- C. Identifying labor force requirements
- D. Identifying training programs

Answer: B

NEW QUESTION 43

- (Topic 1)

The most likely benefit of implementing a collaborative transportation management system is:

- A. lower distribution center operating costs.
- B. fewer transportation planners.
- C. less variability in picking and packing time.
- D. less variability in transportation costs.

Answer: D

NEW QUESTION 46

- (Topic 1)

Medium-term demand management projections are used primarily to:

- A. complete strategic business planning of facilities.
- B. complete forecasts at the item level.
- C. aggregate demand for production planning.
- D. develop the master production schedule.

Answer: C

NEW QUESTION 48

- (Topic 1)

The factors to consider in the make-or-buy decision include costs, proprietary knowledge, and:

- A. design history.
- B. available capacity.
- C. inventory balance.
- D. warehouse location.

Answer: B

NEW QUESTION 50

- (Topic 1)

What is the primary role of marketing in supporting supply chain management?

- A. Selecting favored supplier partners
- B. Developing efficient customer channels
- C. Focusing on short-term forecasting accuracy
- D. Working with research and development on slow-moving products

Answer: B

NEW QUESTION 54

- (Topic 1)

A firm supplies products and services to a wide variety of industries with varying requirements for responsiveness and reliability. Many customers across these industries are not satisfied with the firm's ability to meet the lead time and on time delivery requirements. Which of the following tools is most appropriate for the firm to use to improve customer service?

- A. Customer service ratio metrics
- B. Market segmentation
- C. Customer relationship management (CRM)
- D. Supply Chain Operations Reference (SCOR®)

Answer: B

NEW QUESTION 57

- (Topic 1)

Risk pooling enables a lower total inventory level without affecting service levels based on which of the following assumptions?

- A. Inventory turnover ratio can be reduced.
- B. Aggregate demand is more accurate than disaggregate demand.
- C. The planning time fence can be adjusted as needed.
- D. The supplier shares some risk for holding inventory.

Answer: B

NEW QUESTION 58

- (Topic 1)

Which of the following levels in a supply chain network represents the most upstream external activity?

- A. Supplier to contractor
- B. Manufacturing to supplier
- C. Customer to distribution
- D. Customer to contractor

Answer: A

NEW QUESTION 61

- (Topic 1)

Compared to mass-media marketing, customer relationship management has the advantage of allowing the organization to:

- A. compete for customers based on service.
- B. reach a larger number of potential customers.
- C. reduce inventory to improve cash flow.
- D. focus on attracting new customers.

Answer: A

NEW QUESTION 63

- (Topic 1)

A firm supplies a single line of products to consumers using retail stores and on-line sales, distributors, and wholesalers. Currently the firm has common pricing and response times for sales in each sales channel. Which of the following tools is most appropriate to employ to improve profitability?

- A. Customer segmentation
- B. Customer-facing ordering systems
- C. Customer relationship management (CRM)
- D. Supply Chain Operations Reference (SCOR®)

Answer: A

NEW QUESTION 66

- (Topic 2)

A company currently produces custom goods for a limited market. To increase market share, the company will implement a strategy to reduce the number of products it produces and reduce delivery lead time. The company can increase its chances of achieving the strategy by:

- A. using benchmark data for products in the same product groups.
- B. incorporating results from market surveys.
- C. involving customers in the product design process.
- D. using electronic communications to receive customer complaints.

Answer: C

NEW QUESTION 67

- (Topic 2)

What are the steps in the supplier relationship process?

- A. Measure, fulfill, document, model
- B. Source, document, manage
- C. Measure, procure, fulfill, model
- D. Source, procure, fulfill, manage

Answer: D

NEW QUESTION 69

- (Topic 2)

The strategy to implement supplier relationship management has been developed. The most appropriate next step is to:

- A. develop criteria for prospective partners.
- B. develop policies for alliances.
- C. select initial partners.
- D. conduct a pilot implementation.

Answer: A

NEW QUESTION 71

- (Topic 2)

The social dimension of sustainability typically would be addressed when developing and implementing policies regarding:

- A. accounting practices.

- B. biodiversity protection.
- C. conflicts of interest.
- D. waste reduction.

Answer: C

NEW QUESTION 73

- (Topic 2)

Which of the following actions is most likely to increase total supply chain risk?

- A. Standardizing components used in a product family
- B. Expanding operations to multiple locations
- C. Consolidating manufacturing locations
- D. Reducing the supplier base for commodity-type components

Answer: C

NEW QUESTION 78

- (Topic 2)

Managing supply chain risks includes which of the following activities?

- A. Developing alternatives to key suppliers
- B. Setting aside funds for disruption-recovery efforts
- C. Charging each supply chain partner a portion of risk cost
- D. Creating extra inventory to cover disruptions in the supply chain

Answer: A

NEW QUESTION 79

- (Topic 2)

Which of the following processes would a company use to evaluate the risk profile for end-of-life planning for a product family?

- A. Distribution requirements planning
- B. Sales and operations planning
- C. Rough-cut capacity planning
- D. Production activity control

Answer: B

NEW QUESTION 84

- (Topic 2)

The United Nations Global Compact uses 10 guiding principles to:

- A. reduce uncertainty for multinational firms regarding legal, import/export, labor, and environmental standards across countries.
- B. set minimum levels of compliance across a broad range of transactional areas for businesses operating in multiple geographic regions.
- C. align the needs of businesses to increase profitability and the needs of individual countries to ensure their specific legal requirements are met.
- D. help ensure that markets, commerce, technology, and finance promote advancement of economies and societies everywhere.

Answer: D

NEW QUESTION 87

- (Topic 2)

Which of the following strategies can be used to help manage global risks?

- A. Direct shipment
- B. Cross-docking
- C. Mass customization
- D. Flexibility

Answer: D

NEW QUESTION 91

- (Topic 2)

Which of the following statements about the use of bar code labels for product identification in the supply chain is true?

- A. They have been replaced by radio frequency identification tags.
- B. They can be read by devices 1 to 3 meters from the item.
- C. They facilitate the capture of information about the location of items.
- D. Each of the trading partners must apply a unique label.

Answer: C

NEW QUESTION 92

- (Topic 2)

Distribution from which of the following types of sites enables goods to enter a country, undergo further modification, and then be exported without paying customs

duties?

- A. Public warehouse
- B. Value-added territory
- C. Free trade zone
- D. Customs clearing house

Answer: C

NEW QUESTION 95

- (Topic 2)

The most appropriate reason for a business to comply with the United Nations (UN) Global Compact practices typically would be to:

- A. enhance the competitive advantage.
- B. gain access to proven management tools.
- C. reduce the threat of organized labor.
- D. reduce the cost of operating in multiple countries.

Answer: A

NEW QUESTION 98

- (Topic 2)

A company's supply chain depends heavily on sourcing from international suppliers. Conditions increasingly threaten supply continuity. Which of the following actions is most appropriate?

- A. Source from domestic suppliers.
- B. Conduct a risk assessment.
- C. Carry additional safety stock.
- D. Spread logistics across multiple carriers.

Answer: B

NEW QUESTION 99

- (Topic 2)

A product design that can be produced to requirements even when conditions in the production process are unfavorable typically is known as what type of design?

- A. Universal
- B. Computer-aided
- C. Modular
- D. Robust

Answer: D

NEW QUESTION 103

- (Topic 2)

The customer who provides point-of-sale data remains the sole decision-maker regarding order quantities when what type of inventory strategy is used?

- A. Continuous replenishment
- B. Advanced continuous replenishment
- C. Vendor-managed replenishment
- D. Quick response

Answer: D

NEW QUESTION 108

- (Topic 2)

When doing international business, a company's total line-haul costs will vary with the:

- A. weight shipped.
- B. distance shipped.
- C. pallets shipped.
- D. volume shipped.

Answer: B

NEW QUESTION 112

- (Topic 2)

A company that sells engineered-to-order products is planning implementation of a supplier relationship management system (SRM) for direct materials. Which of the following factors is most likely to make the implementation difficult?

- A. Complexity of the purchasing process
- B. Cost of the application software upgrades
- C. Management of variable lead times
- D. Resistance of material suppliers

Answer: A

NEW QUESTION 116

- (Topic 2)

Customizing can be an effective warehousing strategy because it allows a company to:

- A. allocate available storage space to optimize handling costs.
- B. address trade-offs between space and material handling needs.
- C. effectively design its inbound and outbound dock areas.
- D. add value to the product through modification, labeling, and packaging.

Answer: D

NEW QUESTION 117

- (Topic 2)

In an advanced planning system, which of the following modules feeds the master planning module?

- A. Purchasing planning
- B. Demand planning
- C. Distribution planning
- D. Fulfillment planning

Answer: B

NEW QUESTION 119

- (Topic 2)

An increase in the inventory turnover rate for a supply chain typically would indicate that there has been a reduction in:

- A. prices to the end user.
- B. supply chain cost of sales.
- C. the manufacturer's inventory.
- D. the total supply chain inventory.

Answer: D

NEW QUESTION 120

- (Topic 2)

Implementation of supply chain applications based on which of the following technologies is most likely to have the lowest fixed costs?

- A. Best of breed packages
- B. One integrated package
- C. Service-oriented architecture
- D. Software-as-a-service

Answer: D

NEW QUESTION 124

- (Topic 2)

The demand side of a traditional warehouse management system primarily is concerned with:

- A. receiving incoming goods.
- B. assigning storage locations.
- C. assembling outbound orders.
- D. forecasting product demand.

Answer: C

NEW QUESTION 127

- (Topic 2)

Which of the following factors typically is most important in successfully implementing sales and operations planning (S&OP)?

- A. Involvement of specialists from all functional groups within an organization
- B. Creation of a dedicated S&OP organizational unit
- C. Involvement and accountability at senior management level
- D. Focus on 3 months to 18 months in the future

Answer: C

NEW QUESTION 130

- (Topic 2)

What is the primary benefit of using a central storage warehouse for all components rather than using point-of-use storage?

- A. Reduced need for bar codes and radio frequency identification technology
- B. Reduced material handling costs
- C. Ease of control and count accuracy
- D. Maintain a cleaner shop floor

Answer:

C

NEW QUESTION 134

- (Topic 3)

Which of the following actions best exemplifies an appropriate demand management strategy?

- A. Reducing costs in the procurement of goods
- B. Prioritizing demand when supply is constrained
- C. Maximizing sales orders from customers
- D. Updating the sales and operations planning (S&OP) to changes in production capacity

Answer: B

NEW QUESTION 138

- (Topic 3)

Which of the following outcomes is an advantage of automating the request-for-quote process?

- A. Reducing cycle time
- B. Disposing of excess inventories
- C. Centralization of product service content
- D. Enabling contract management

Answer: A

NEW QUESTION 142

- (Topic 3)

Which of the following outcomes most likely is the primary reason for outsourcing production of a new product?

- A. Increase control of the supply chain
- B. Increase flexibility of the supply chain
- C. Reduce required capital investment
- D. Reduce the need for skilled workers

Answer: C

NEW QUESTION 144

- (Topic 3)

Which of the following actions is most appropriate when implementing a strategy to create customer-affordable value?

- A. Use a more rapid transportation mode.
- B. Increase safety stock.
- C. Extend product warranty.
- D. Employ lean principles.

Answer: D

NEW QUESTION 146

- (Topic 3)

Which of the following behaviors is appropriate for a progressive company that is responding to changes in its supply chain?

- A. Pursuing cost reduction continuously
- B. Developing multiple supply chains for different product lines
- C. Ensuring demand before committing to a change in the supply chain
- D. Designing products for maximum lifetime

Answer: B

NEW QUESTION 149

- (Topic 3)

Which of the following changes often leads to higher levels of inventory?

- A. Decrease in customer service level
- B. Decrease in vendor lead times
- C. Increase in economies of scale
- D. Increase in warehouse holding costs

Answer: C

NEW QUESTION 150

- (Topic 3)

A supplier disputes a low rating generated by a company's enterprise resources planning (ERP) system. Which of the following actions by the purchasing agent is most appropriate?

- A. Advise the ERP information technology manager that there is a flaw in the rating system.
- B. Scrap the vendor rating system until the company can figure out what is wrong.

- C. Compare the vendor and company detail records, and interview company employees who handled the data.
- D. Tell the supplier that, regardless of the disputed claims, the supplier must improve performance.

Answer: C

NEW QUESTION 155

- (Topic 3)

The benefit most likely to result from a collaborative forecasting process is:

- A. improvement in forecast accuracy.
- B. improvement in forecast responsiveness.
- C. reduction of the coefficient of variation.
- D. reduction of forecasting effort.

Answer: A

NEW QUESTION 157

- (Topic 3)

Measurement of service to the customer should consider which of the following strategic priorities?

- A. Cash flow
- B. Responsiveness
- C. Order cycle time
- D. Forecast accuracy

Answer: B

NEW QUESTION 158

- (Topic 3)

Functional products require which of the following types of supply chain process?

- A. Restrictive
- B. Innovative
- C. Efficient
- D. Integrated

Answer: :C

NEW QUESTION 161

- (Topic 3)

What benefit does Radio Frequency Identification (RFID) technology provide for a high- volume, low-cost manufacturer?

- A. Reduces store thefts
- B. Eliminates the effects of bullwhip
- C. Eliminates stock out at store level
- D. Reduces number of touch points in pallet handling

Answer: D

NEW QUESTION 164

- (Topic 3)

To ensure a successful relationship, trading partners must adapt their organizations to leverage advantages found in cross-supply-chain collaboration because:

- A. customers and suppliers are not interactive.
- B. cross-functional support can be offered only by the central source.
- C. all entities are collectively responsible for growth of revenue and profits.
- D. risks in supplier/customer negotiations are reduced.

Answer: :C

NEW QUESTION 167

- (Topic 3)

Use of consistent performance measures among trading partners is a best practice to:

- A. share data among information systems faster.
- B. manage collaboration and continuous improvement.
- C. reduce the time to introduce new products.
- D. increase the flexibility to collaborate with customers.

Answer: B

NEW QUESTION 171

- (Topic 3)

Supplier certification procedures verify that a supplier:

- A. is ISO certified.
- B. implements, documents, and improves procedures related to customer requirements.
- C. tracks manufacturing processes, including bills of material and routings to support the processes.
- D. manufactures products to the specifications shown on engineering documents and bills of material.

Answer: B

NEW QUESTION 172

- (Topic 3)

Prioritizing customer needs is best accomplished by:

- A. sharing information with key customers.
- B. installing a new enterprise resources planning system.
- C. responding to customer requests in the order they are received.
- D. establishing policies and procedures for honoring customer requests.

Answer: D

NEW QUESTION 176

- (Topic 3)

The primary benefit a company is likely to achieve when setting time fences is:

- A. reducing lead time.
- B. providing a steady schedule for suppliers.
- C. interpreting forecast properly.
- D. maintaining a stable flow.

Answer: :D

NEW QUESTION 177

- (Topic 3)

The purchasing manager of a company wants to minimize stock-outs as well as obsolete inventory. Which of the following tools needs to be implemented?

- A. Blanket purchase order
- B. Advanced planning and scheduling (APS)
- C. Buy-back contracts
- D. Business-to-business integration software

Answer: C

NEW QUESTION 180

- (Topic 3)

A firm may use which of the following technologies to track the flow of inventory across its entire supply chain?

- A. Distribution requirements planning
- B. Radio frequency identification
- C. Transportation management system
- D. Warehouse management system

Answer: B

NEW QUESTION 182

- (Topic 3)

A retailer sets service-level targets intended to maximize total profit. The retailer's service level target should be highest for items with a high profit margin and:

- A. low variability of demand.
- B. made to stock.
- C. small replenishment lot size.
- D. made to order.

Answer: A

NEW QUESTION 183

- (Topic 3)

A company handling sale of product discarded by consumers is what type of provider?

- A. Third party logistics (3PL)
- B. Reverse logistics
- C. Fourth party logistics (4PL)
- D. Warehousing

Answer: B

NEW QUESTION 187

- (Topic 3)

Short order cycles to facilitate rapid replenishment will result in:

- A. minimal in-process inventory.
- B. fewer inventory moves.
- C. improved communications to customers.
- D. increased supplier collaboration.

Answer: A

NEW QUESTION 191

- (Topic 3)

Which of the following technologies directly enables pulling products through the supply chain?

- A. Automatic identification system (AIS)
- B. Point of sale (POS) system
- C. Customer relationship management (CRM)
- D. Supply chain event management (SCEM)

Answer: B

NEW QUESTION 196

- (Topic 3)

Which of the following characteristics is typical of a highly complex product when compared with a simple commodity product?

- A. Lower product cost
- B. Longer cycle time
- C. Increased ability to change
- D. Lower profitability

Answer: B

NEW QUESTION 197

- (Topic 3)

A company has an asset turnover ratio of 1.8, inventory of \$3,000, a 20% profit margin, and \$5,000 in total assets. What is the total sales volume for the company?

- A. \$ 5,400
- B. \$ 9,000
- C. \$15,000
- D. \$25,000

Answer: B

NEW QUESTION 200

- (Topic 3)

Which of the following factors is the most appropriate measure of delivery performance for finished goods?

- A. Perfect order fulfillment
- B. On-time delivery
- C. Load efficiency
- D. Available-to-promise

Answer: A

NEW QUESTION 201

- (Topic 3)

A company that is having difficulties prioritizing resources against a long list of improvement projects should use which of the following processes?

- A. Control chart
- B. Competitive benchmarking
- C. Pareto analysis
- D. Six Sigma

Answer: C

NEW QUESTION 202

- (Topic 3)

In an assemble-to-order manufacturing environment, the master production schedule is typically the schedule of:

- A. resources.
- B. customer orders.
- C. components and subassemblies.
- D. the final assembly.

Answer: C

NEW QUESTION 203

- (Topic 3)

Which of the following costs is an example of ordering cost?

- A. Inspection labor
- B. Obsolescence
- C. Cost of capital invested
- D. Insurance

Answer: A

NEW QUESTION 207

- (Topic 3)

Which of the following approaches typically would be most effective in increasing inventory velocity in a supply chain?

- A. Using faster modes of transportation
- B. Using third-party logistics firms
- C. Reducing the inventory idle time
- D. Adding capacity at bottlenecks

Answer: C

NEW QUESTION 209

- (Topic 3)

Which of the following situations is a consequence of global operations?

- A. Decreased logistic cost
- B. Increased logistic complexity
- C. Reduced product variety
- D. Longer lead times

Answer: B

NEW QUESTION 211

- (Topic 3)

A manufacturer of fast-moving consumer goods wants to implement a process improvement method to increase flexibility and decrease the risk of obsolete inventory. Which of the following approaches is most likely to help reach these goals?

- A. Lean manufacturing
- B. Advanced planning and scheduling
- C. Six sigma
- D. Total quality management

Answer: A

NEW QUESTION 216

- (Topic 3)

Which of the following types of raw materials would be most appropriate to source via an Internet-based trading exchange?

- A. Expensive material that is critical to the finished good
- B. Expensive material for which there are several substitutes
- C. Inexpensive material that is critical to the finished good
- D. Inexpensive material for which there are many sources

Answer: :D

NEW QUESTION 220

- (Topic 3)

Standardization of supply chain processes is most likely to facilitate achievement of which of the following activities?

- A. Reducing the total cost of ownership
- B. Tracking the effects of improvement initiatives
- C. Creating project consensus
- D. Understanding of operational metrics

Answer: B

NEW QUESTION 223

- (Topic 3)

Which of the following manufacturing strategies typically generates the lowest supply chain inventory?

- A. Make to Stock
- B. Assemble to Order
- C. Make to Order
- D. Engineer to Order

Answer: D

NEW QUESTION 226

- (Topic 3)

Which of the following tools is most appropriate to use to determine projects that will achieve the greatest net benefits?

- A. Pareto diagram
- B. Fishbone diagram
- C. Process flow diagram
- D. Operation process chart

Answer: A

NEW QUESTION 231

- (Topic 3)

A large, global third party logistics provider (3PL) is contemplating the switch to the use of ethanol-based fuel in its truck fleet and wants to identify the impact of this change on food prices. Which of the following attributes of the triple bottom line (TBL) are part of this trade off decision?

- A. Organizational, financial and social
- B. Social, financial and environmental
- C. Social, environmental and organizational
- D. Organizational, financial and environmental

Answer: B

NEW QUESTION 234

- (Topic 3)

A procurement manager wants to reduce costs on commodity items. Which of the following actions is likely to result in the greatest savings?

- A. Conducting a supplier review and recertification
- B. Renegotiating contracts with commodity suppliers
- C. Standardizing and eliminating redundant items
- D. Leveraging group purchasing power

Answer: D

NEW QUESTION 235

- (Topic 3)

Which of the following actions by trading partners is most likely to reduce the goods that will be processed by the reverse supply chain?

- A. Contracting with a third party to process returned goods
- B. Designing products that are easy to disassemble
- C. Working to delay regulations that require accepting returns
- D. Providing support and service that meet customer needs

Answer: D

NEW QUESTION 238

- (Topic 3)

Which of the following actions is most likely to improve the cash-to-cash cycle time?

- A. Find suppliers with lower total cost of ownership (TCO)
- B. Implement vendor-managed inventory (VMI) with key suppliers
- C. Implement vendor-managed inventory (VMI) with key customers
- D. Establish targeted promotions for the most profitable market segments

Answer: B

NEW QUESTION 241

- (Topic 3)

A manufacturer has direct relationships with its tier 1 suppliers. Which of the following supplier capabilities is a benefit to the manufacturer establishing a direct relationship with lower-tier suppliers?

- A. Provides smaller lot sizes
- B. Provides components with short lead times
- C. Provides Just in Time deliveries
- D. Provides information about impending shifts in the economy

Answer: D

NEW QUESTION 243

- (Topic 3)

Use of a centralized distribution center rather than a decentralized distribution network typically results in which of the following consequences?

- A. Distribution system overhead is higher.

- B. Customer delivery time is shorter.
- C. Total transportation costs are lower.
- D. Safety stock levels are lower.

Answer: D

NEW QUESTION 248

- (Topic 3)

Which of the following manufacturing strategies would run the greatest risk of increasing obsolete inventory costs?

- A. Make-to-stock
- B. Assemble-to-order
- C. Make-to-order
- D. Engineer-to-order

Answer: A

NEW QUESTION 251

- (Topic 3)

Which of the following conditions is most likely to occur shortly after the introduction of an innovative product family?

- A. Forecast errors will be low.
- B. Production lead time will increase.
- C. An inventory buffer will be required.
- D. Demand will be stable.

Answer: C

NEW QUESTION 253

- (Topic 3)

One of the first steps in devising an effective supply chain strategy within a company is to analyze a product's:

- A. nature of demand.
- B. backlog position.
- C. forecast bias.
- D. sales performance.

Answer: A

NEW QUESTION 256

- (Topic 3)

The practice of purchasing items in large quantities and requesting that shipments be delivered directly to customers is referred to as:

- A. drop shipping.
- B. cross-docking.
- C. breaking bulk.
- D. freight equalization.

Answer: A

NEW QUESTION 259

- (Topic 3)

Which of the following activities is forbidden in a foreign trade zone?

- A. Remarketing or repackaging imports to avoid fines
- B. Breaking up large shipments to reduce import duties
- C. Reexporting goods without paying duties
- D. Conducting retail trade

Answer: D

NEW QUESTION 260

- (Topic 3)

Which of the following supplier performance factors typically is most critical for organizations that outsource production?

- A. Speed
- B. Reliability
- C. Flexibility
- D. Malfunction recovery

Answer: B

NEW QUESTION 261

- (Topic 3)

A company develops annual forecasts for key products and enters into annual contracts with key suppliers based on the forecasts. Which of the following benefits would the company most likely receive from this approach?

- A. Shorter delivery lead times
- B. Lower prices
- C. Improved service
- D. Higher-quality products

Answer: B

NEW QUESTION 262

- (Topic 3)

If a company successfully implements a sales and operations planning process, which of the following measures would be expected to increase?

- A. Percentage of on-time deliveries
- B. Cash-to-cash cycle time
- C. Forecast variation
- D. Cost of goods sold

Answer: A

NEW QUESTION 265

- (Topic 3)

Value stream mapping is a useful tool primarily because it:

- A. redefines supply chain relationships.
- B. is completed in 1 or 2 days.
- C. is used to improve efficiency in a specific area.
- D. looks at the entire supply chain rather than an isolated process.

Answer: D

NEW QUESTION 269

- (Topic 3)

A company produces to stock and sells its products to distributors. The factor that most likely will contribute to the risk of loss in inventory investment is the:

- A. accuracy of demand forecasts.
- B. replenishment lead time.
- C. level of product quality.
- D. variability in supply.

Answer: A

NEW QUESTION 274

- (Topic 3)

Which of the following types of strategies minimizes inventory throughout the supply chain to avoid obsolescence?

- A. Delayed differentiation
- B. Low costs
- C. Location
- D. Response

Answer: A

NEW QUESTION 277

- (Topic 3)

Which of the following factors is most important to consider when deciding on offshore outsourcing of manufacturing to a supplier?

- A. Size of the supplier organization
- B. Total cost of ownership
- C. Supplier performance history
- D. Supplier certification

Answer: B

NEW QUESTION 281

- (Topic 3)

Which of the following principles is a core value of the UN Global Compact?

- A. Anti-Corruption
- B. Profitability
- C. Discrimination
- D. Employment

Answer: A

NEW QUESTION 286

- (Topic 3)

Which of the following outcomes is the primary benefit to an organization that develops a supplier certification program?

- A. Supplier capability is documented.
- B. Inspection costs are reduced.
- C. Delivery time is improved.
- D. Negotiating power is strengthened for the certifying organization.

Answer: B

NEW QUESTION 291

- (Topic 3)

Top management typically plans an organization's long-term future by isolating new opportunities and threats and identifying growth objectives during the process known as:

- A. resource planning.
- B. sales and operations planning.
- C. corporate strategizing.
- D. financial planning.

Answer: C

NEW QUESTION 292

- (Topic 3)

A manufacturer with operations in an area prone to natural disasters is reviewing its sustainability strategy. Which of the following production strategies should the company implement to reduce the risk of supply interruptions?

- A. Centralized
- B. Decentralized
- C. Make-to-order
- D. Engineer-to-order

Answer: B

NEW QUESTION 293

- (Topic 3)

The primary contribution from an enterprise resources planning system in building supply chain capability is:

- A. real-time manufacturing planning.
- B. improved decision making.
- C. ease of implementation.
- D. timely order tracking.

Answer: B

NEW QUESTION 298

- (Topic 3)

Managing risk should be a strategic part of supply chain management because:

- A. the occurrence of unanticipated risks essentially can be eliminated.
- B. not all members of the supply chain consider and respond to the same types of risks.
- C. substantial financial penalties can be assessed if legal requirements are not met.
- D. it helps to reduce the occurrence and consequences of unplanned negative events.

Answer: :D

NEW QUESTION 300

- (Topic 3)

One operation in a four-stage process has been producing more than required and is causing elevated levels of work in process. Which of the following approaches would be most appropriate to address the situation?

- A. Kanban
- B. Kanban
- C. Kaizen
- D. Keiretsu

Answer: B

NEW QUESTION 303

- (Topic 3)

Lean supply chains strive to achieve their objectives by using which of the following approaches?

- A. Inventory optimization
- B. Cost reduction
- C. Waste reduction
- D. Quality function deployment (QFD)

Answer: C

NEW QUESTION 305

- (Topic 3)

Which of the following activities is critical to successful synchronization of supply and demand throughout a supply chain?

- A. Sharing demand information
- B. Placing large orders to obtain lower prices
- C. Reducing the number of deliveries
- D. Maintaining increased inventories

Answer: A

NEW QUESTION 310

- (Topic 3)

The relative speed at which all transactions within the supply chain process occur is known as:

- A. the cycle time.
- B. velocity.
- C. latency.
- D. throughput.

Answer: B

NEW QUESTION 313

- (Topic 3)

In order to optimize delivery routing and load planning as well as to provide advanced shipment notifications (ASN's), which of the following technology platforms should be implemented to plan and manage the above operations?

- A. Electronic Data Interchange (EDI)
- B. Enterprise Resource Planning (ERP)
- C. Event Management System (EMS)
- D. Transportation Management System (TMS)

Answer: D

NEW QUESTION 314

- (Topic 3)

The most appropriate approach to balance supply and demand over the medium term is:

- A. Enterprise resource planning (ERP)
- B. Business planning
- C. Strategic planning
- D. Sales and operations planning (S&OP)

Answer: D

NEW QUESTION 315

- (Topic 3)

A manufacturer of consumer goods has purchased one of its distributors. The distributor's inventory system is archaic and will not integrate into the manufacturer's enterprise resources planning (ERP) system. Which of the following approaches is the most appropriate long-term solution for the manufacturer?

- A. Buy a complete ERP system that includes seamlessly integrated distribution.
- B. Buy a warehouse management system that integrates into the ERP system.
- C. Run the existing warehouse inventory system and update the ERP system manually.
- D. Hire a software contractor to write an interface with batch update to the ERP system.

Answer: B

NEW QUESTION 320

- (Topic 3)

Variability in product design can best be reduced by:

- A. initiating 100% product inspection.
- B. outsourcing the design process.
- C. broadening design specifications.
- D. applying Six Sigma principles.

Answer: D

NEW QUESTION 324

- (Topic 3)

Use of a private warehouse is most appropriate when a firm needs to:

- A. adjust warehouse capacity easily for seasonal products.

- B. perform a limited number of specialized activities for customers.
- C. control operating policies and hours to respond to changes in market demand.
- D. take advantage of economies of scale and scope to increase profitability.

Answer: C

NEW QUESTION 326

- (Topic 3)

A company plans to benchmark its shipping reliability compared to other companies in the industry. Which measurement is most appropriate to benchmark in this case?

- A. Perfect order fulfillment
- B. Upside supply chain flexibility
- C. Order fulfillment cycle time
- D. Total inventory days of supply

Answer: A

NEW QUESTION 329

- (Topic 3)

During the sales and operations planning (S&OP) horizon, planned inventory can best be used to:

- A. implement a time-phased stock replenishment plan.
- B. allow for consistent production lot sizing.
- C. buffer the company against unknown fluctuations in demand.
- D. minimize storage and transportation costs.

Answer: C

NEW QUESTION 334

- (Topic 3)

A car manufacturer has 40000 cars in inventory, of which 5000 are electric. The manufacturer expects to sell 5000 cars per day, of which 4000 are estimated to be gasoline cars. The days of supply for electric cars is:

- A. 40 days.
- B. 10 days.
- C. 8 days.
- D. 5 days.

Answer: D

NEW QUESTION 337

- (Topic 3)

Outsourcing is most appropriate when a product is:

- A. modular and independent of knowledge and capacity.
- B. modular and dependent on knowledge and capacity.
- C. integral and independent of knowledge and capacity.
- D. integral and dependent on knowledge and capacity.

Answer: A

NEW QUESTION 339

- (Topic 3)

A supervisor knows that employees have good ideas for improving department operations but are hesitant to share them. Which of the following tools would be most appropriate for encouraging the employees to participate in identifying opportunities?

- A. Tree diagram
- B. Pareto chart
- C. Process map
- D. Affinity diagram

Answer: D

NEW QUESTION 341

- (Topic 3)

Which two of the following tools should be used with an enterprise resources planning system to build realistic supply chain models and to plan the most profitable flow of goods across the chain?

- A. An advanced planning and scheduling system and simulators
- B. An inventory planning and management system and simulators
- C. A vendor managed inventory system and customer relationship management
- D. Customer activity planning and logistics management

Answer: A

NEW QUESTION 344

- (Topic 3)

An organization is partnering with a supplier. The most appropriate tool to ensure that the supplier has the necessary capabilities is:

- A. a supplier-input-process-output-customer diagram.
- B. supplier certification.
- C. supplier relationship management.
- D. supplier performance evaluation.

Answer: B

NEW QUESTION 348

- (Topic 3)

Which of the following benefits should a supplier expect to receive by becoming a certified supplier?

- A. Reduction in redundant processes with buyer
- B. Increase in price of items sold
- C. Increase in access to competitive information
- D. Reduction in number of items utilizing vendor-managed inventory

Answer: A

NEW QUESTION 353

- (Topic 3)

Which of the following continuous improvement methodologies focuses on reduction of defects by reducing process variation?

- A. Just-in-Time (JIT)
- B. Kaizen
- C. Six Sigma
- D. Theory of constraints

Answer: C

NEW QUESTION 354

- (Topic 3)

Which of the following constituents typically must provide information first to effectively improve supply chain design?

- A. Supplier
- B. Distribution system
- C. Manufacturing
- D. Customer

Answer: D

NEW QUESTION 358

- (Topic 3)

The profit margin for a product that is currently made in the company's facility has decreased during the past 2 years. Which of the following factors should be considered when deciding whether to make or buy the product?

- A. Production capabilities
- B. Transportation capabilities
- C. Distribution channels
- D. Landed cost

Answer: D

NEW QUESTION 359

- (Topic 3)

Which of the following steps is first in developing a product differentiation strategy?

- A. Study customer needs
- B. Define customer segments
- C. Determine design modifications
- D. Establish competitive priorities

Answer: A

NEW QUESTION 364

- (Topic 3)

A large bicycle company has outsourced manufacturing and needs to respond immediately to any logistics problems in the supply chain. The best technological solution to meet this need is:

- A. enterprise resources planning.
- B. supply chain event management.
- C. supplier relationship management.
- D. a transportation management system.

Answer: B

NEW QUESTION 366

- (Topic 3)

A company is considering relocating production to a lower-wage country. Volatility in which of the following areas most likely would impact profitability without modifying product landed costs?

- A. Labor costs
- B. Currency exchange rates
- C. Commodity prices
- D. Product quality

Answer: B Explanation: NEW QUESTIONS

NEW QUESTION 369

- (Topic 3)

The most appropriate strategy for a firm that makes and sells a wide range of items typically would be to domestically source items that have which of the following characteristics?

- A. Short product life cycle and many variations
- B. Short product life cycle and few variations
- C. High labor value and low transport uncertainty
- D. High labor value and high transport uncertainty domestically

Answer: A

NEW QUESTION 372

- (Topic 3)

In the analysis of costs, fixed costs are those that are:

- A. independent of the volume of output.
- B. dependent on the utilization of the asset.
- C. inversely proportionate to the volume of output.
- D. constant through the useful life of the asset.

Answer: A

NEW QUESTION 375

- (Topic 3)

Which of the following activities is the most appropriate use of an advanced planning and scheduling system?

- A. Selecting the target market for a product
- B. Optimizing transportation routes
- C. Creating a daily demand forecast
- D. Identifying constraints within a facility

Answer: D

NEW QUESTION 378

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